

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/806552	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 16:54
S2	1802	(gas air) with inject\$5 with (mold mould) and (overflow\$4 excess)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 16:56
S3	553	(gas air) with inject\$5 with (mold mould) and (overflow\$4 excess) with (plastic resin thermoplastic polymer\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 16:56
S4	146	(gas air) with inject\$5 with (mold mould) same (overflow\$4 excess) with (plastic resin thermoplastic polymer\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 16:57
S5	146	(gas air) with inject\$5 with (mold mould) same (overflow\$4 excess) with (plastic resin thermoplastic polymer\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 16:57
S6	10	("3058161"   "3211605"   "3378612"   "3558751"   "3901958"   "4033710").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 17:00
S7	58	("4129635").URPN.	USPAT	OR	OFF	2009/05/28 17:00

S8	31	("2331688"   "2345144"   "3021559"   "3135640"   "4033710"   "4106887"   "4120924"   "4129635"   "4136220"   "4474717"   "4488863"   "4555225"   "4740150"   "4824732"   "4935191"   "5044924"   "5047183"   "5127814"   "5173241"   "5198177"   "5198238"   "5232654"   "5232711"   "5284429"   "5295800"   "5464342"   "5482669").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 17:00
S9	55	("2331688"   "2345144"   "2714747"   "2714748"   "2940123"   "3021559"   "3135640"   "3687582"   "3751271"   "3809733"   "3972970"   "4033710"   "4078875"   "4082226"   "4092389"   "4101617"   "4106887"   "4129635"   "4136220"   "4140672"   "4165062"   "4234642"   "4247515"   "4357296"   "4474717"   "4555225"   "4601870"   "4604044"   "4685881"   "4740150"   "4855094"   "4917594"   "4927865"   "4935191"   "4943407"   "5028377"   "5039463"   "5044924"   "5047183"   "5049056"   "5066214"   "5075056"   "5080570"   "5096655"   "5137680"   "5164200"   "5186884").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 17:01
S10	10	("2940123"   "3078507"   "3127458"   "3813014"   "3894823"   "3926219"   "3947177").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 17:02
S11	77	("4106887").URPN.	USPAT	OR	OFF	2009/05/28 17:03
S12	1	"6716387"	USPAT	OR	OFF	2009/05/28 17:07
S13	1171	transfer with chamber and injection adj (mold\$4 mould\$4)	USPAT	OR	OFF	2009/05/28 17:13
S14	11	("2217336"   "3218375"   "3374500"   "3375553"   "3436446"   "3670006").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 17:18

S15	20	("3375553").URPN.	USPAT	OR	OFF	2009/05/28 17:18
S16	7	("4150088").URPN.	USPAT	OR	OFF	2009/05/28 17:19
S17	12	injection adj (mold\$4 mould\$4) and runner with bypass	USPAT	OR	OFF	2009/05/28 17:38
S18	2676	injection adj (mold\$4 mould\$4) and bypass	USPAT	OR	OFF	2009/05/28 17:40
S19	970	injection adj (mold\$4 mould\$4) and bypass with flow \$4	USPAT	OR	OFF	2009/05/28 17:41
S20	127774	injection adj mold\$4	USPAT	OR	OFF	2009/05/28 17:48
S21	10862	(injection adj mold\$4).ab.	USPAT	OR	OFF	2009/05/28 17:48
S22	818	(injection adj mould\$4).ab.	USPAT	OR	OFF	2009/05/28 17:49
S23	11670	S21 S22	USPAT	OR	OFF	2009/05/28 17:49
S24	65	S19 and S23	USPAT	OR	OFF	2009/05/28 17:49
S25	1	("6422852").URPN.	USPAT	OR	OFF	2009/05/28 17:53
S26	24	S23 and recirculat\$8 with (resin plastic thermoplastic polymer\$3)	USPAT	OR	OFF	2009/05/28 17:59
S27	7	("3964731"   "4053283"   "4175874"   "4226543"   "4279517"   "4592657"   "4600312").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 18:01

S28	5	("3306495"   "3706515"   "3788337"   "3799199").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 18:03
S29	7	("4101617"   "4136220"   "4619847"   "4719067"   "4968474"   "5069859"   "5098637").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 18:08
S30	5	("2331688"   "3021559"   "4033710").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 18:10
S31	15	("5262105").URPN.	USPAT	OR	OFF	2009/05/28 18:11
S32	3	("5098637"   "5262105"   "5837186").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 18:14
S33	36	("2331688"   "2345144"   "2714747"   "2714748"   "3021559"   "3044118"   "3135640"   "3687582"   "3966372"   "4033710"   "4078875"   "4082226"   "4091057"   "4092389"   "4101617"   "4106887"   "4129635"   "4136320"   "4140672"   "4234642"   "4247515"   "4333608"   "4357296"   "4474717"   "4555225"   "4601870"   "4604044"   "4740150"   "4781554").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 18:15
S34	1	10/806552	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 18:19

S35	134	injection adj (mold\$4 mould\$4) and gas adj assist\$4 and (bypass reservoir)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/05/28 18:34
S36	5	"5762861"	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/11 15:57
S37	7196	injection adj (mold\$4 mould\$4) and cavity with cool \$4	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/11 16:03
S38	460	injection adj (mold\$4 mould\$4) and cavity with cool \$4 with during with inject\$4	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/11 16:03
S39	1	10/806552	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/11 16:33
S40	53	(overflow\$4 overfill\$4) with (resin polymer\$4 plastic \$2 thermoplastic\$2) same pressur\$6 near4 water	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 06:56
S41	17	(overflow\$4 overfill\$4) with resist\$4 with pressur\$6 near4 water	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 06:58
S42	8	(overflow\$4 overfill\$4) with resist\$4 with pressur\$6 and injection adj (mold\$4 mould\$4)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 06:58

S43	100	(excess) with resist\$4 with pressur\$6 and injection adj (mold\$4 mould\$4)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 07:00
S44	11	("3420729"   "3496258"   "3526572"   "3547747"   "3606958"   "3726953").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 07:02
S45	38	("3955697").URPN.	USPAT	OR	OFF	2009/06/12 07:02
S46	348	(overflow\$4 overfill\$4 excess) with pressurized near4 (tank reservoir resevoir)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 07:04
S47	7	(overflow\$4 overfill\$4 excess) with pressurized near4 (tank reservoir resevoir) and injection adj (mold\$4 mould\$4)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 07:04
S48	1	pressurized with manifold same flash and injection adj (mold\$4 mould\$4)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 07:07
S49	35	pressurized with flash and injection adj (mold\$4 mould\$4)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 07:08
S50	14	("3307726"   "3371387"   "3389434"   "3500503"   "3892828"   "4083568"   "4361531"   "4380423"   "4445406"   "4449913").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 07:09

S51	10	("3707591"   "3940231"   "4025268"   "4136146"   "4140464"   "4201535"   "4256689"   "4380423"   "4395222").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 07:10
S52	10	("3020591"   "3609817"   "3670066"   "3677682"   "3709644"   "3774811"   "3813014"   "3847525").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 07:12
S53	13	("2505540"   "2939176"   "3024498"   "3512216"   "3516123"   "3611505"   "3709644").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 07:19
S54	23	("3847525").URPN.	USPAT	OR	OFF	2009/06/12 07:21
S55	18	"5612067"	USPAT	OR	OFF	2009/06/12 08:45
S56	9	injection adj (mold\$4 mould\$4) and gas adj assist\$4 and water with steam	USPAT	OR	OFF	2009/06/12 09:03
S57	1	injection adj (mold\$4 mould\$4) and gas adj assist\$4 and water with inject\$5 with vaporiz\$6	USPAT	OR	OFF	2009/06/12 09:03
S58	3637	injection adj (mold\$4 mould\$4) and water with inject \$4	USPAT	OR	OFF	2009/06/12 09:04
S59	91	injection adj (mold\$4 mould\$4) and water with inject \$4 same (pin pins)	USPAT	OR	OFF	2009/06/12 09:04
S60	34	injection adj (mold\$4 mould\$4) and water near5 inject\$4 same (pin pins)	USPAT	OR	OFF	2009/06/12 09:04
S61	2	("5558824"   "6019918").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 09:07

S62	0	S61 and water	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 09:07
S63	39	injection adj (mold\$4 mould\$4) and water with inject \$4 with (pin pins)	USPAT	OR	OFF	2009/06/12 09:08
S64	70	extru\$8 and water with inject\$6 same blowing adj agent\$2	USPAT	OR	OFF	2009/06/12 09:08
S65	45	extru\$8 and water with inject\$6 with blowing adj agent\$2	USPAT	OR	OFF	2009/06/12 09:08
S66	1393	(piston cylinder) same solenoid\$4 with hydraulic\$5 with pneumatic\$5	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 09:45
S67	101	(piston cylinder) same solenoid\$4 with hydraulic\$5 with pneumatic\$5 and inject\$8 and (resin thermoplastic\$2 plastic\$2)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 09:45
S68	360	recirculat\$6 same injection adj (mold\$4 mould\$4)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 09:57
S69	214963	injection adj (mold\$4)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 09:57
S70	21726	injection adj (mould\$4)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 09:57



S71	233553	injection adj (mold\$4 mould\$4)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 09:57
S72	20	recirculat\$6 with chamber same injection adj (mold\$4 mould\$4)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 09:58
S73	127	recirculat\$6 with (mold mould) same injection adj (mold\$4 mould\$4)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 10:00
S74	118	(smith).in. and (glass with fiber\$2 glass with fibre\$2 fiberglass) and pump\$4 and resin and vacuum	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 10:04
S75	209	(reservoir) with pressuriz\$4 and resin same (mold mould)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 10:06
S76	603	(reservoir) with pressuriz\$4 and (plastic thermoplastic) same (mold mould)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 10:12
S77	62	(reservoir) with pressuriz\$4 same (plastic thermoplastic) same (mold mould)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 10:12
S78	5	("3438085").URPN.	USPAT	OR	OFF	2009/06/12 10:15

S79	19	reservoir with pressurized same resin with (mold mould)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 10:21
S80	744	gas adj assist\$5 near2 injection adj (mold\$4 mould \$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 10:25
S81	6	("4101617"   "4129635"   "4740150"   "4830812"   "4855094"   "4923667").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 10:27
S82	1	10/806552	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 10:36
S83	1	10/806552	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 11:14
S84	0	S83 and predetermin\$4 with (expel\$5 expulsion)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 11:14
S85	0	S83 and overflow\$4 with (expel\$5 expulsion)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 11:14
S86	0	S83 and exhaust\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 11:14

S87	1	S83 and valve with runner	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 11:17
S88	1984	(264/328.4,328.8,328.12,328.19).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 11:22
S89	2587	(264/328.4,328.8,328.12,328.19,572).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/06/12 11:22

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